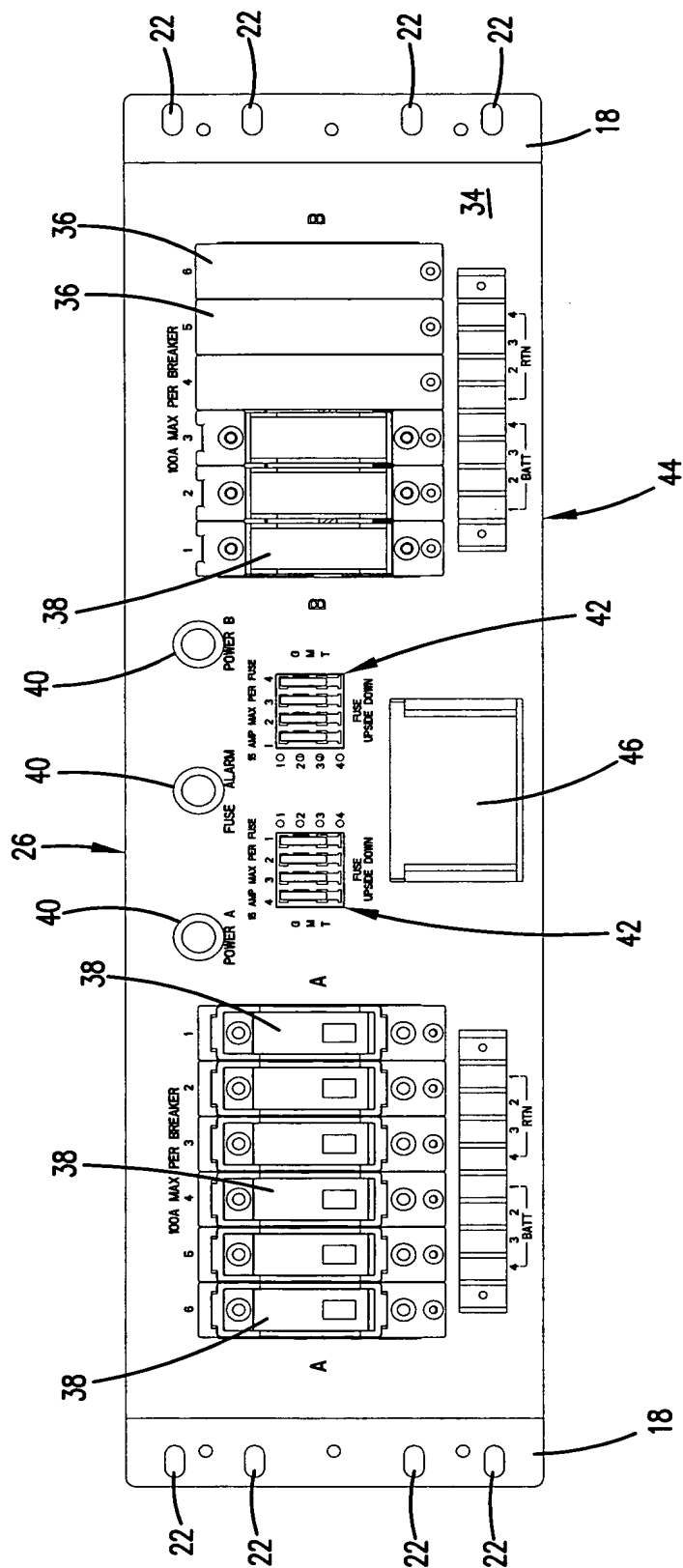


FIG. 1

A circular ink stamp from the United States Patent and Trademark Office. The outer ring of the stamp contains the text "U.S. PATENT & TRADEMARK OFFICE" at the top and "WASHINGTON, D.C." at the bottom. In the center of the stamp, the date "SEP 02 2004" is printed vertically.

1



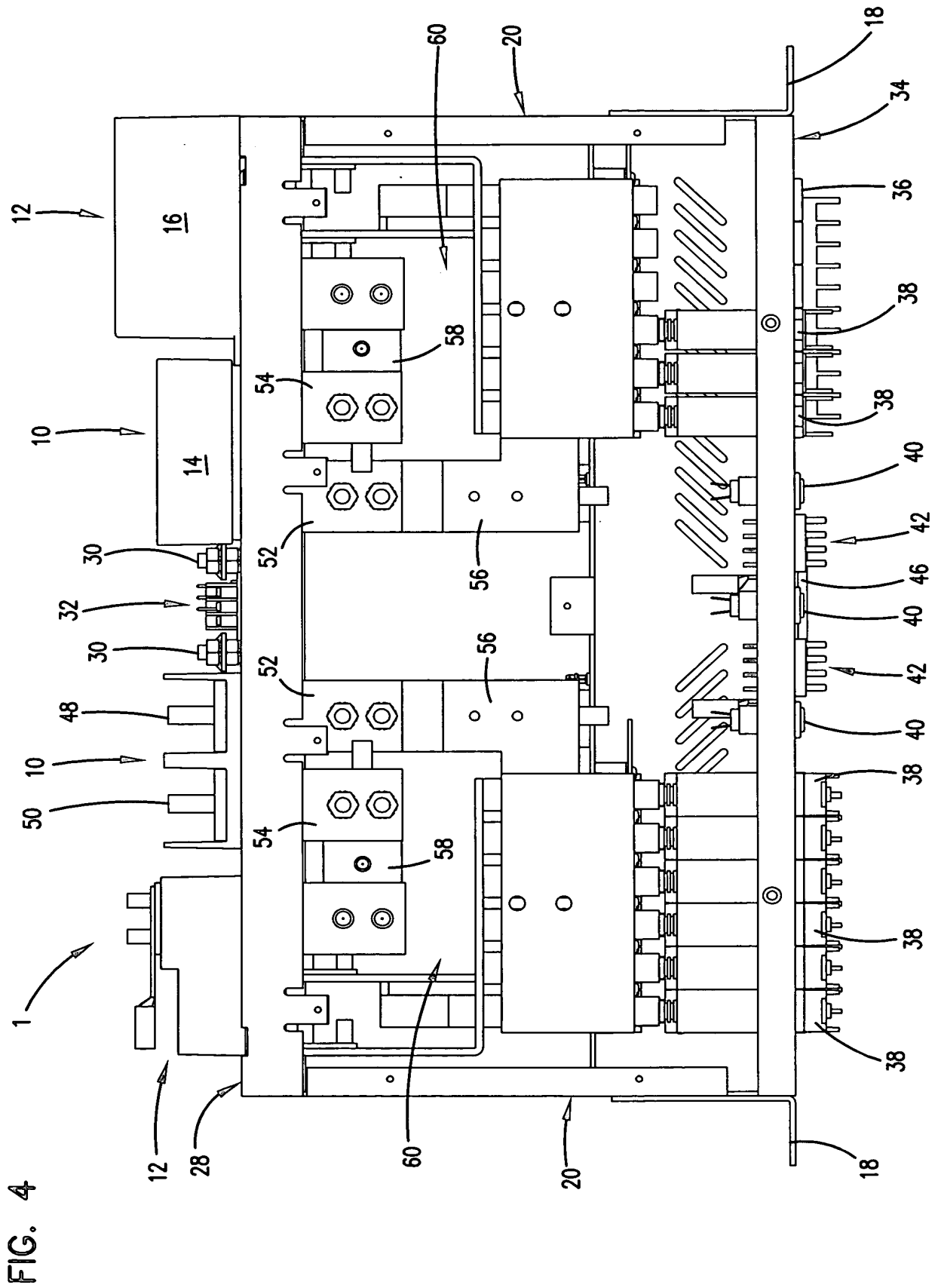
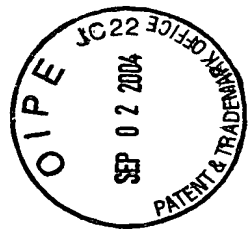




FIG. 5

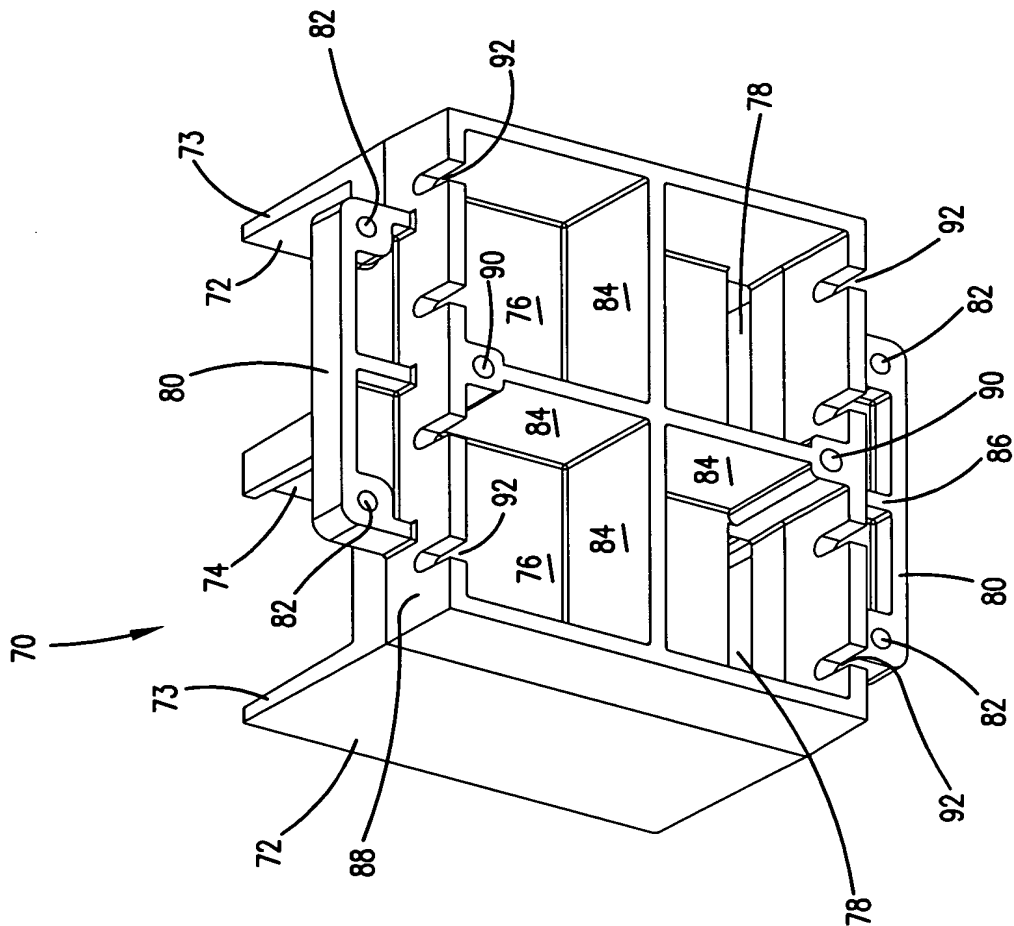


FIG. 6

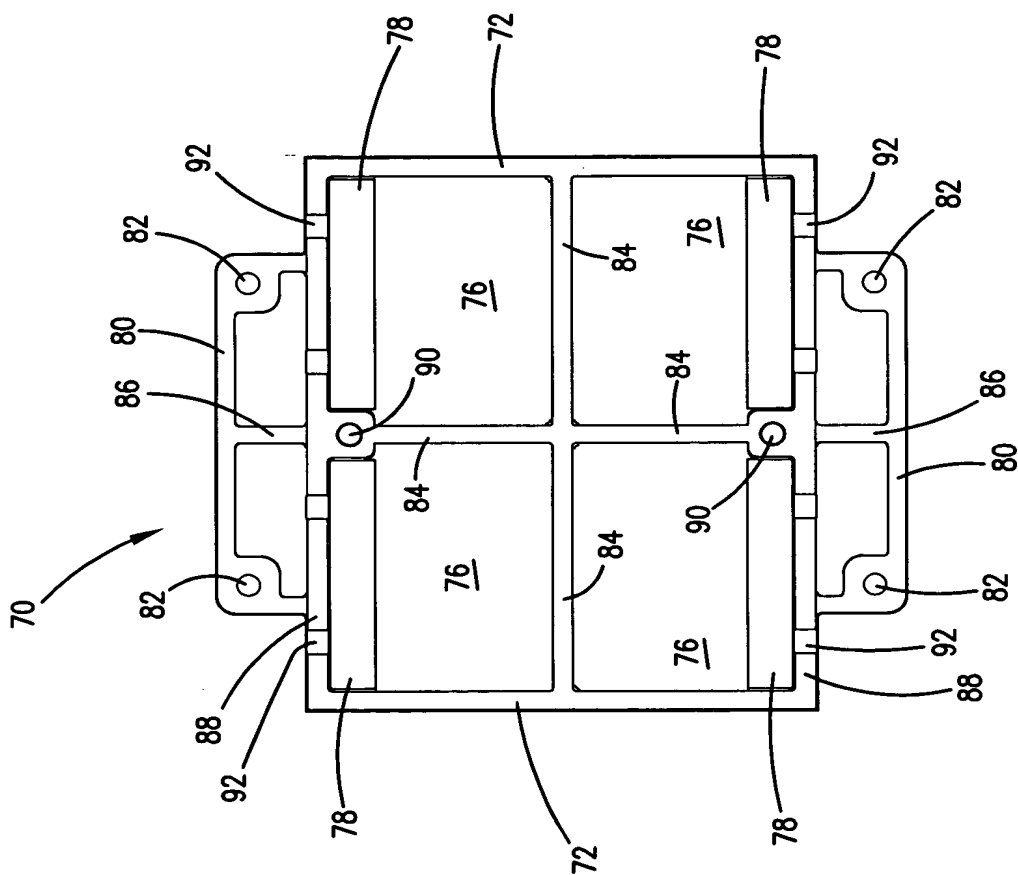


FIG. 7

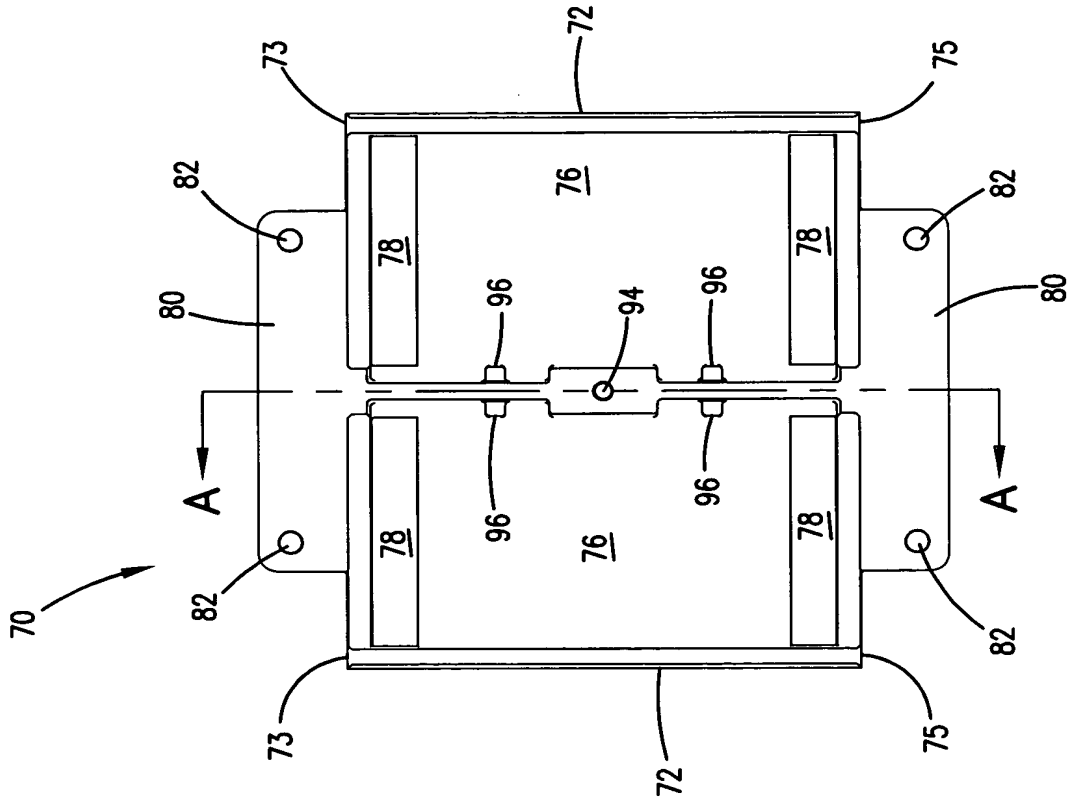


FIG. 8

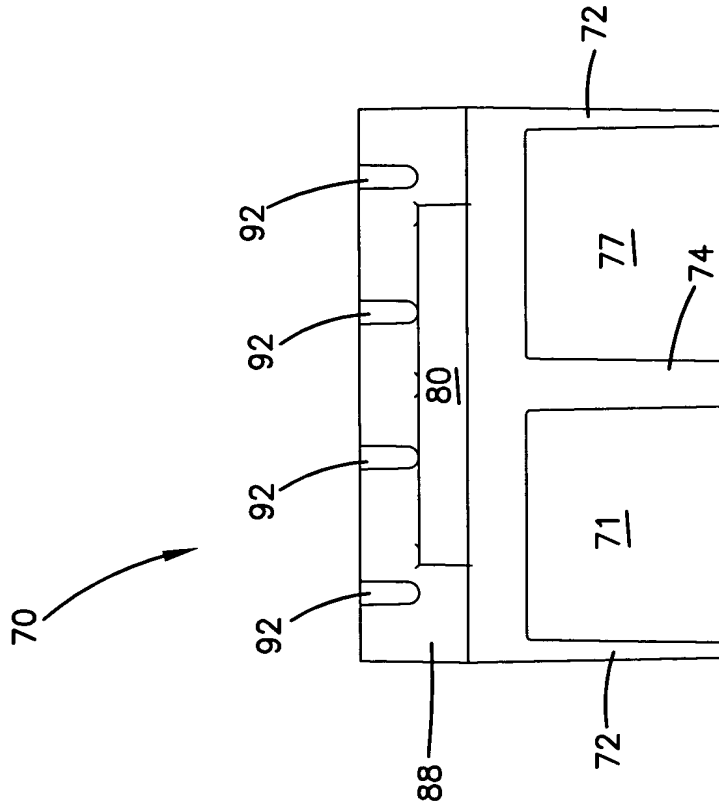


FIG. 9

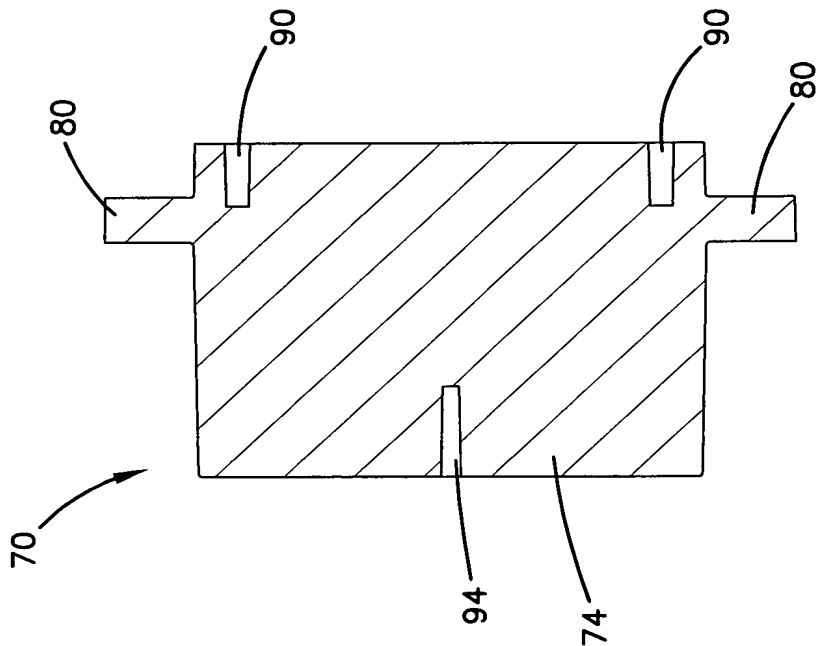


FIG. 10

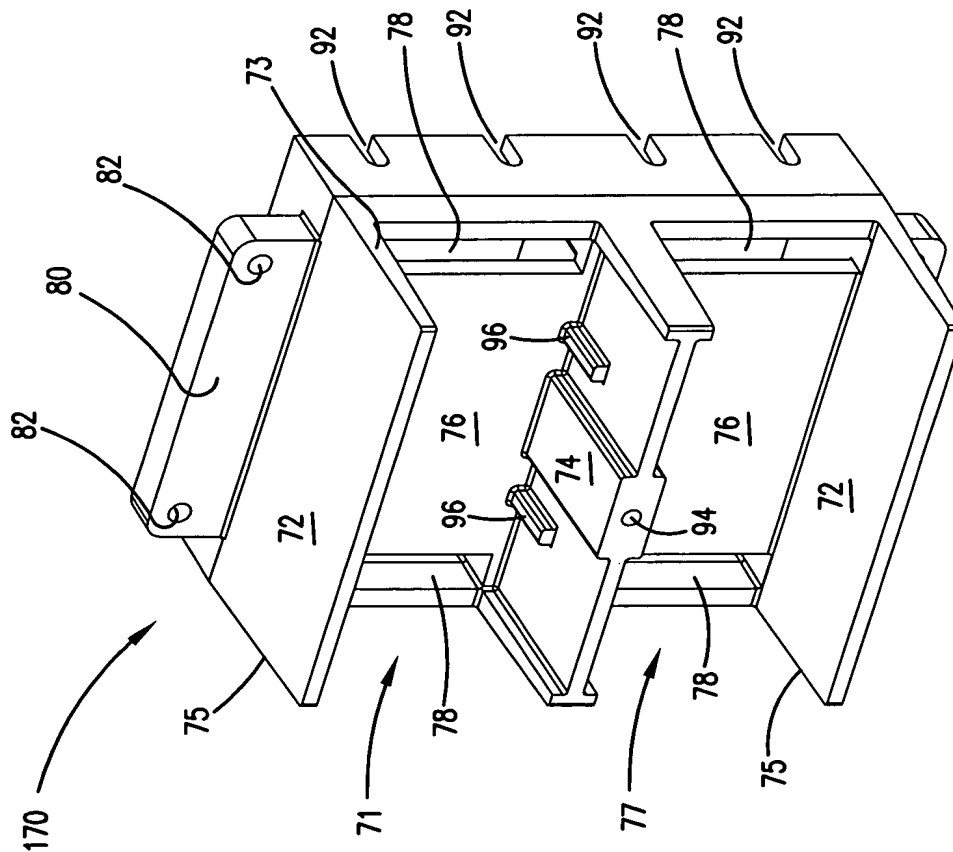


FIG. 11

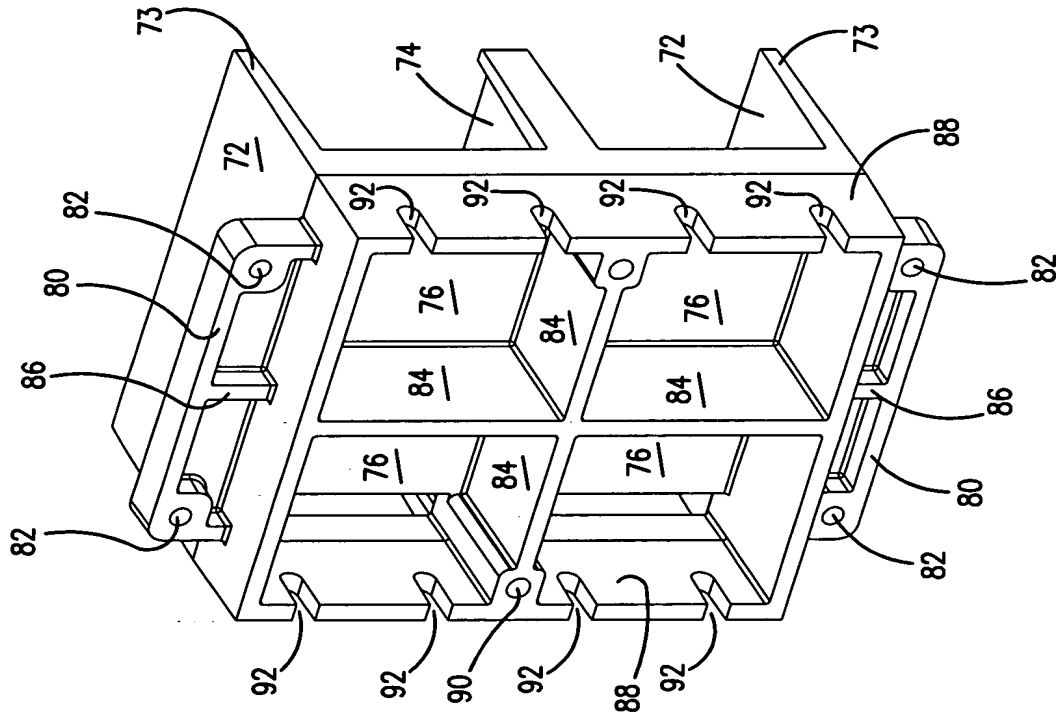


FIG. 12

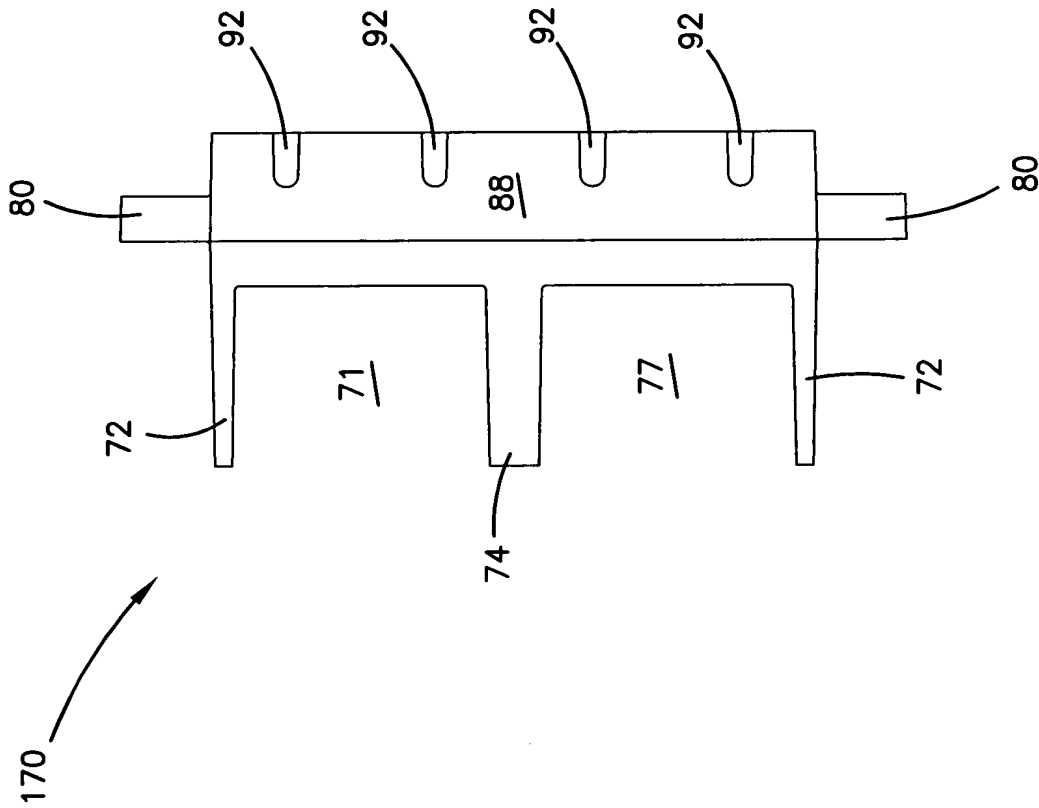


FIG. 15



Inventor: Schomaker, David E.
Docket No.: 2316.1404US01
Title: Input Power Connector for Distribution Panel
Serial No.: 09/971,083
Sheet 16 of 37

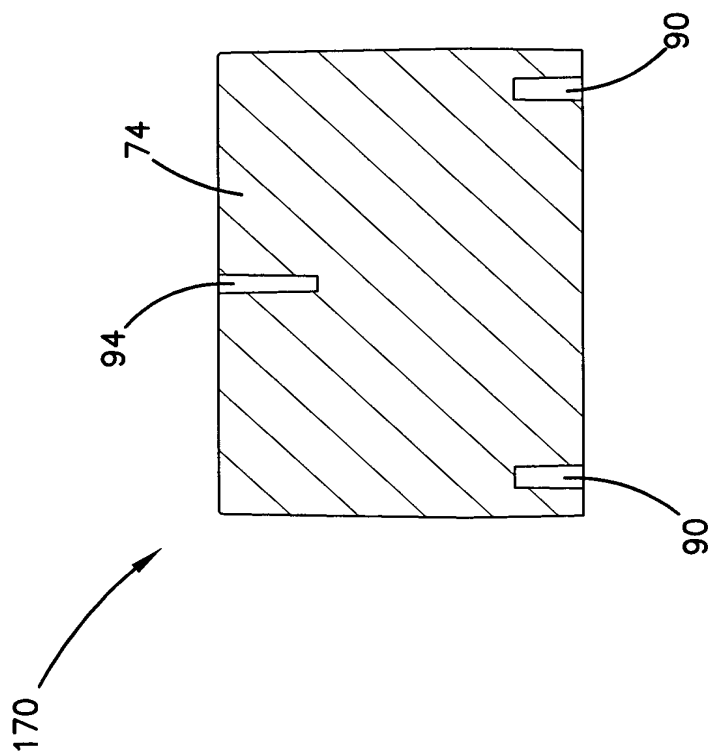
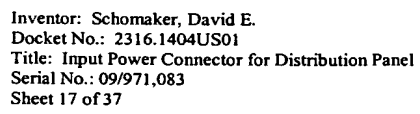


FIG. 16





Inventor: Schomaker, David E.
Docket No.: 2316.1404US01
Title: Input Power Connector for Distribution Panel
Serial No.: 09/971,083
Sheet 18 of 37

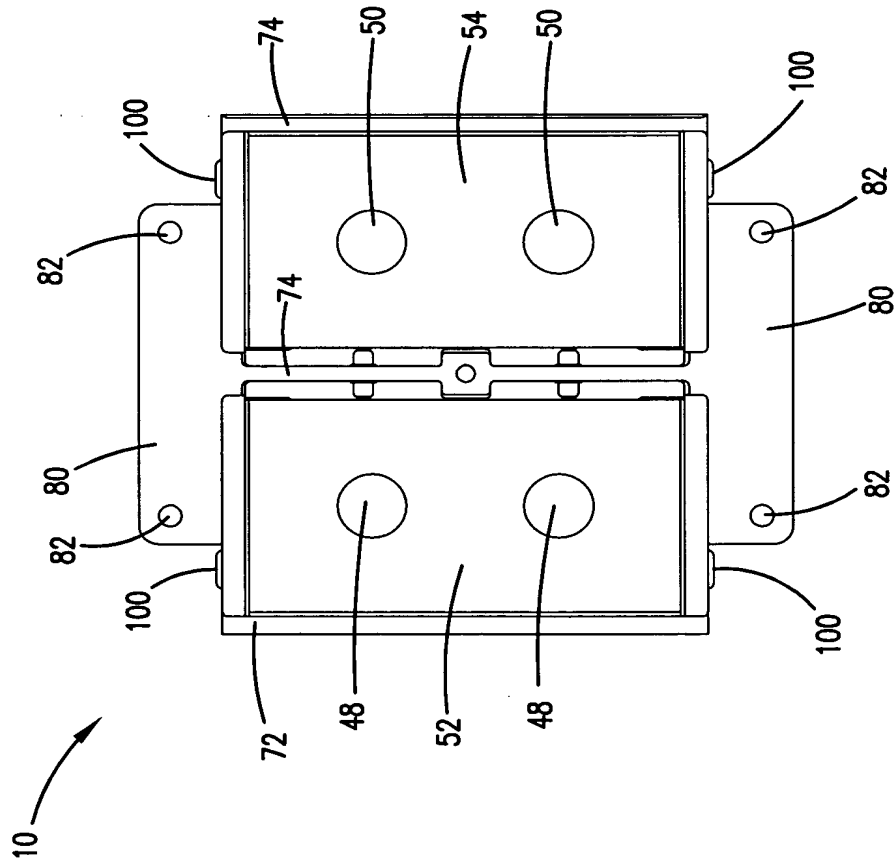


FIG. 18



Inventor: Schomaker, David E.
Docket No.: 2316.1404US01
Title: Input Power Connector for Distribution Panel
Serial No.: 09/971,083
Sheet 19 of 37

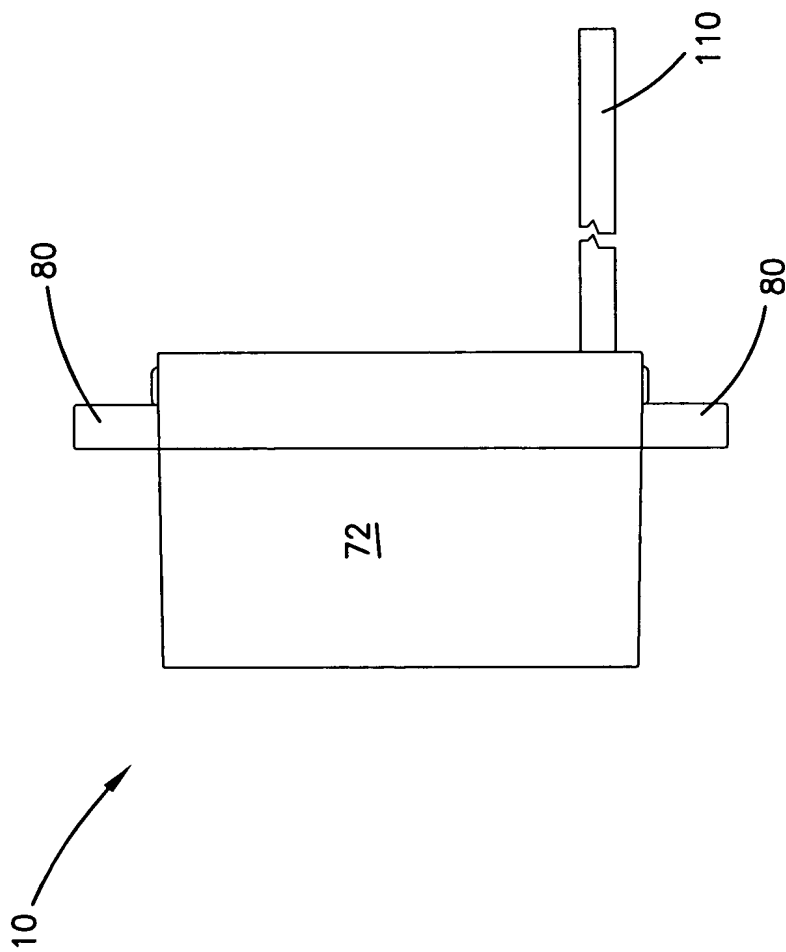


FIG. 19



FIG. 19B

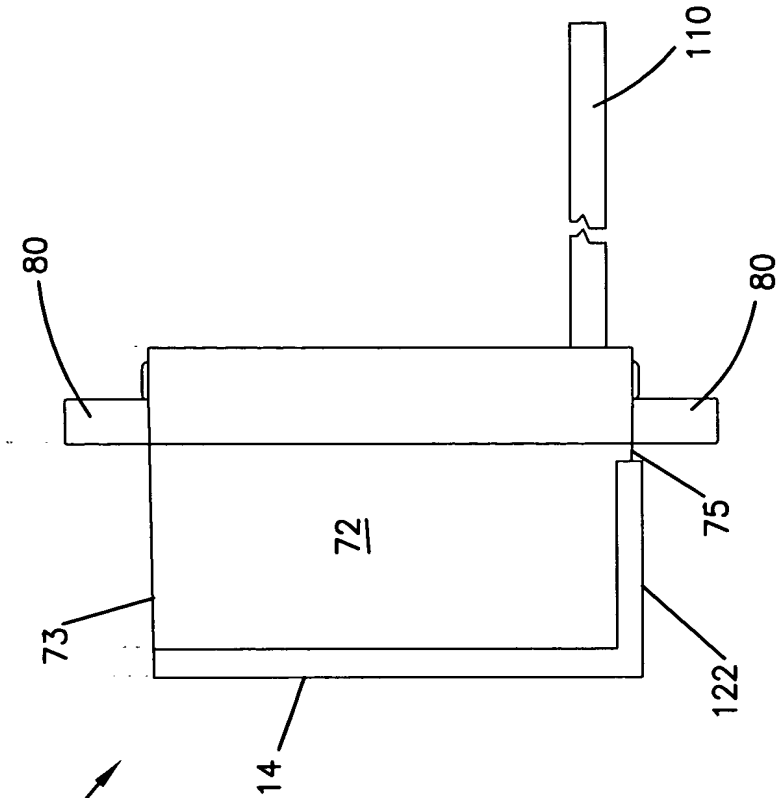
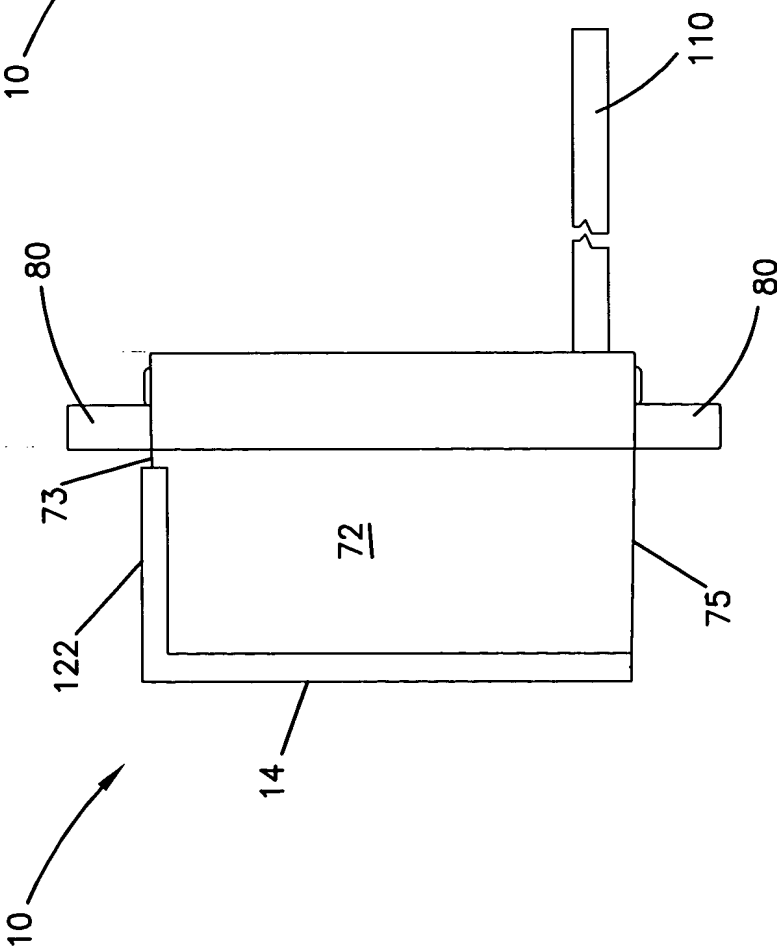


FIG. 19A





Inventor: Schomaker, David E.
Docket No.: 2316.1404US01
Title: Input Power Connector for Distribution Panel
Serial No.: 09/971,083
Sheet 21 of 37

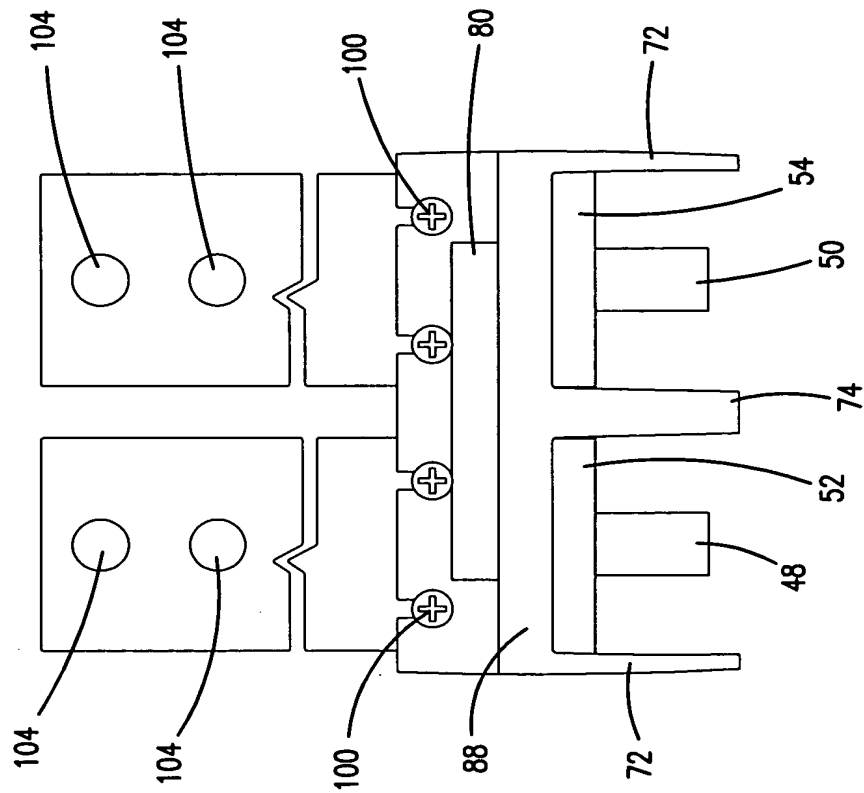
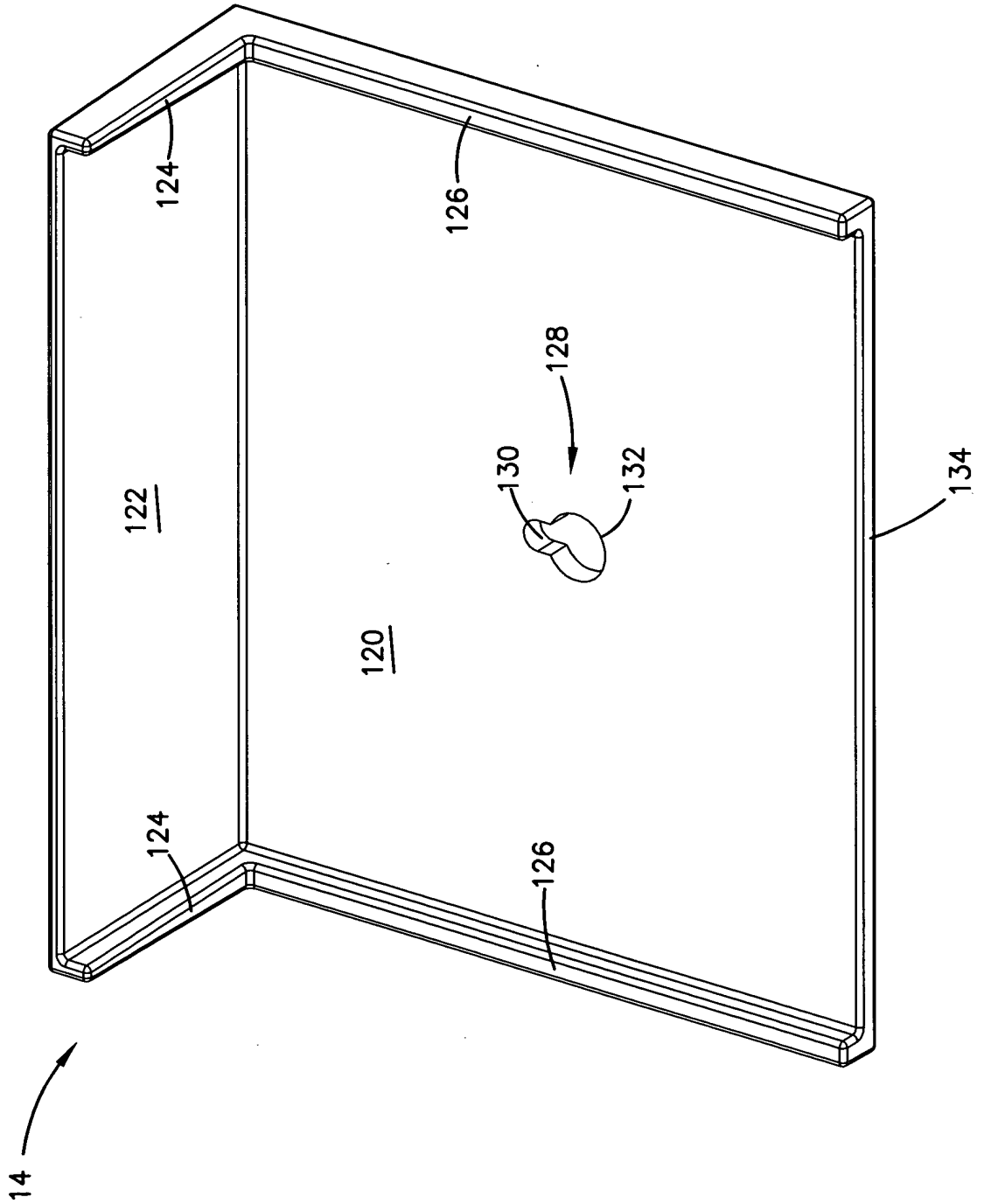


FIG. 20



FIG. 21





Inventor: Schomaker, David E.
Docket No.: 2316.1404US01
Title: Input Power Connector for Distribution Panel
Serial No.: 09/971,083
Sheet 23 of 37

FIG. 22

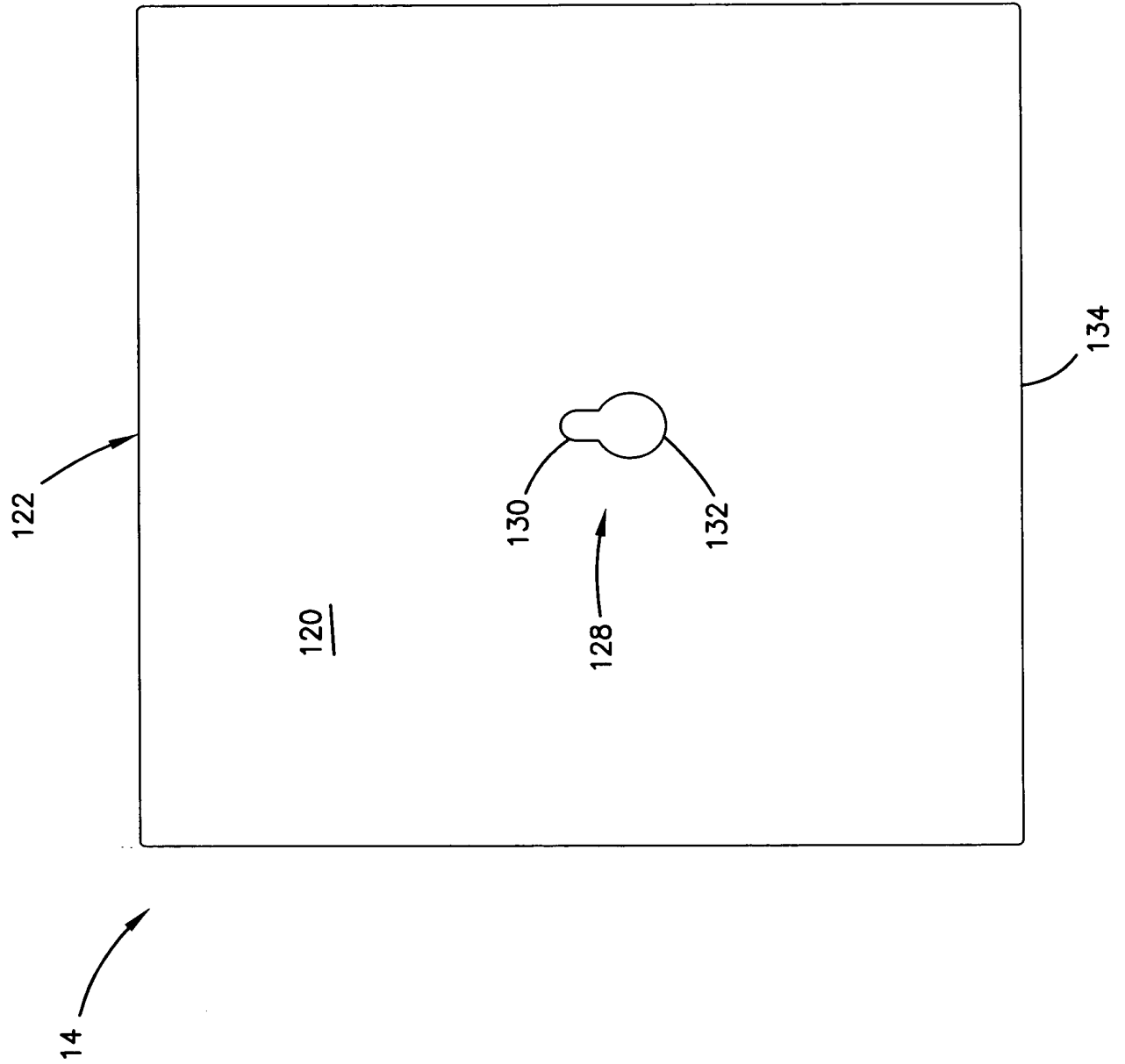




FIG. 23

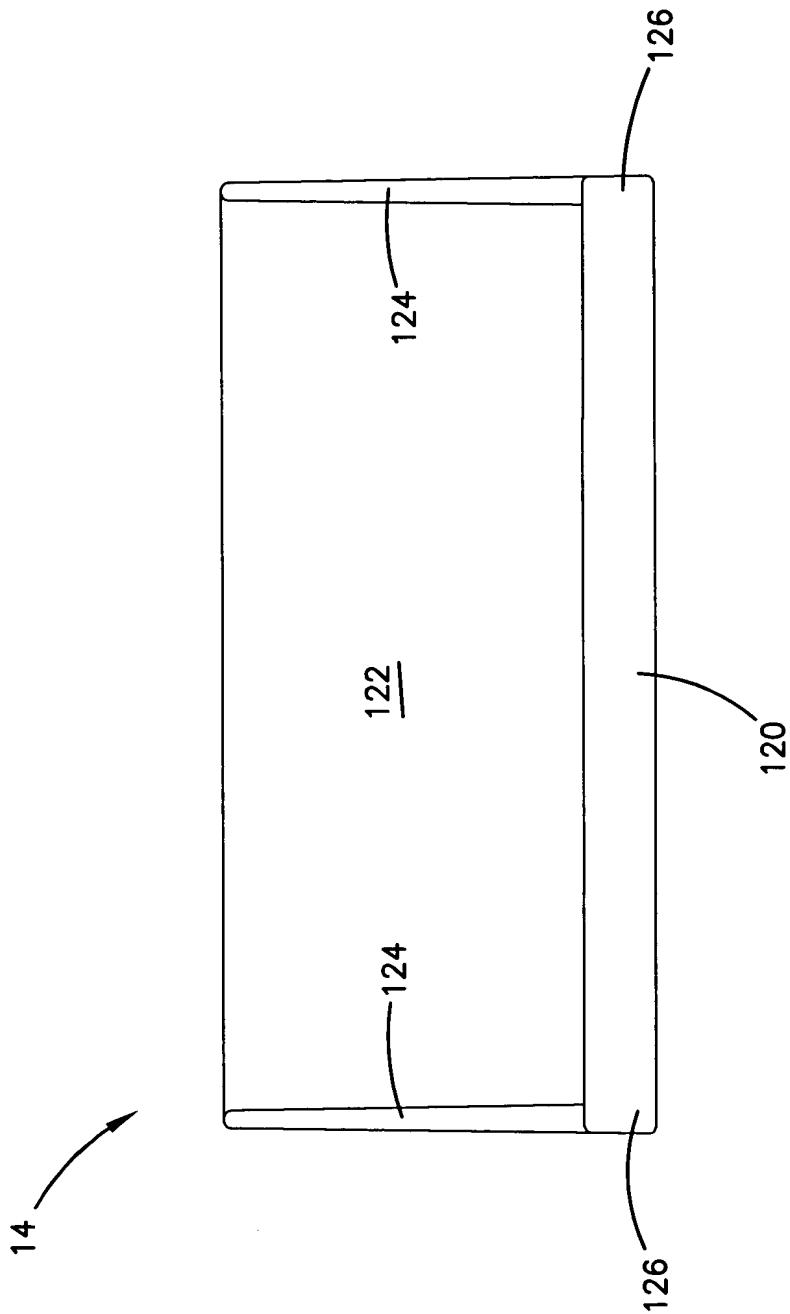
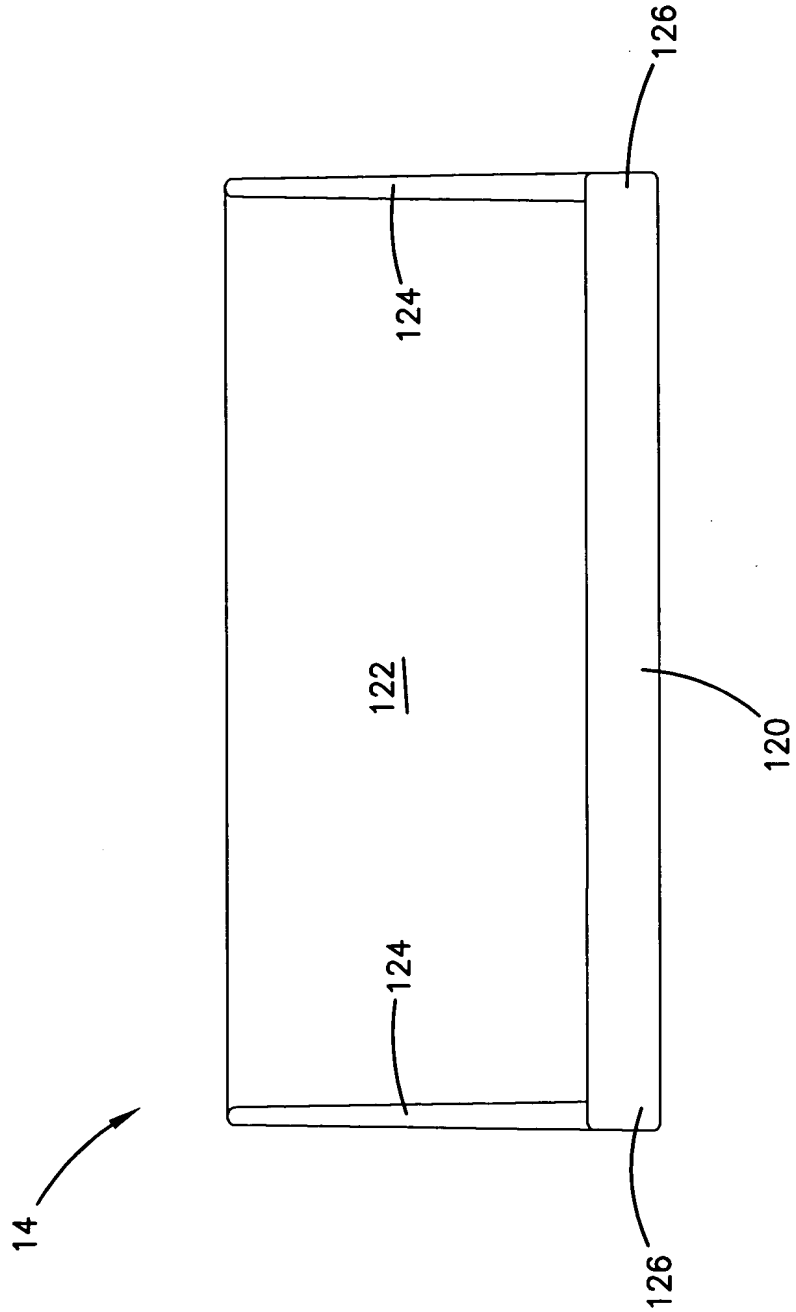
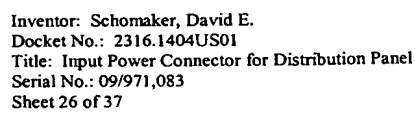
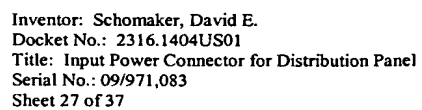




FIG. 23





[illegible]



Inventor: Schomaker, David E.
Docket No.: 2316.1404US01
Title: Input Power Connector for Distribution Panel
Serial No.: 09/971,083
Sheet 28 of 37

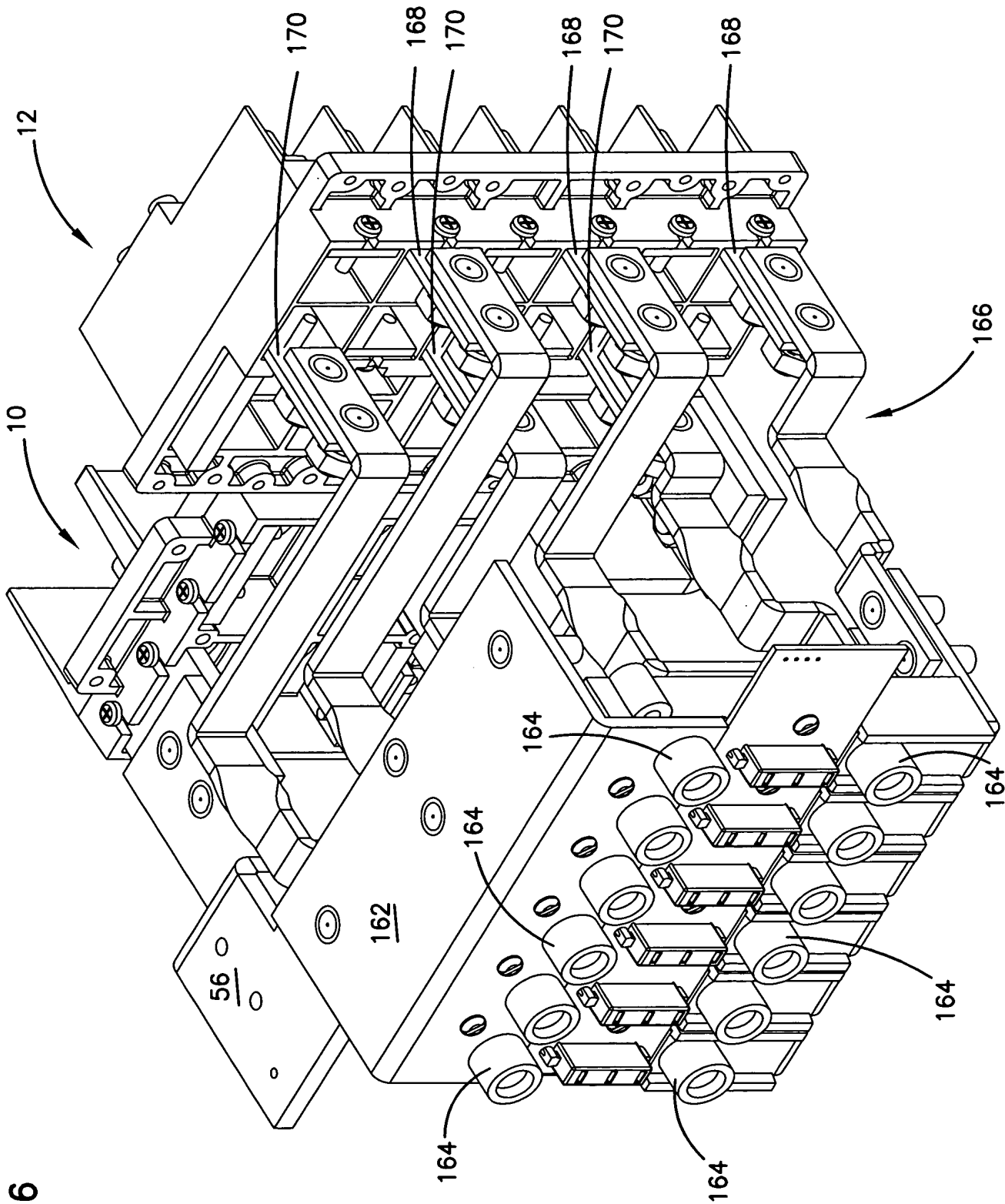


FIG. 26

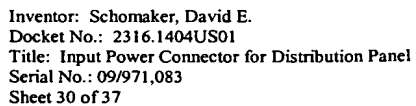
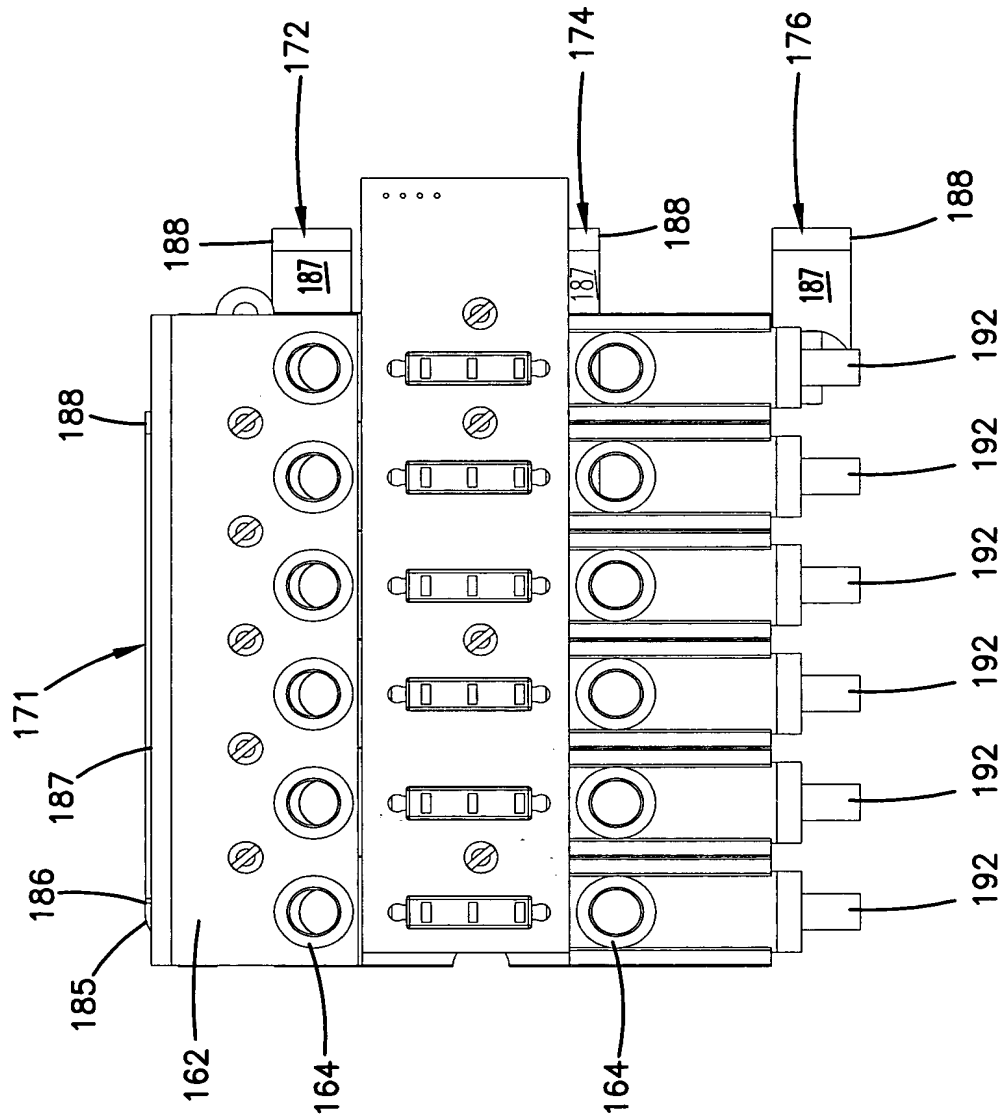




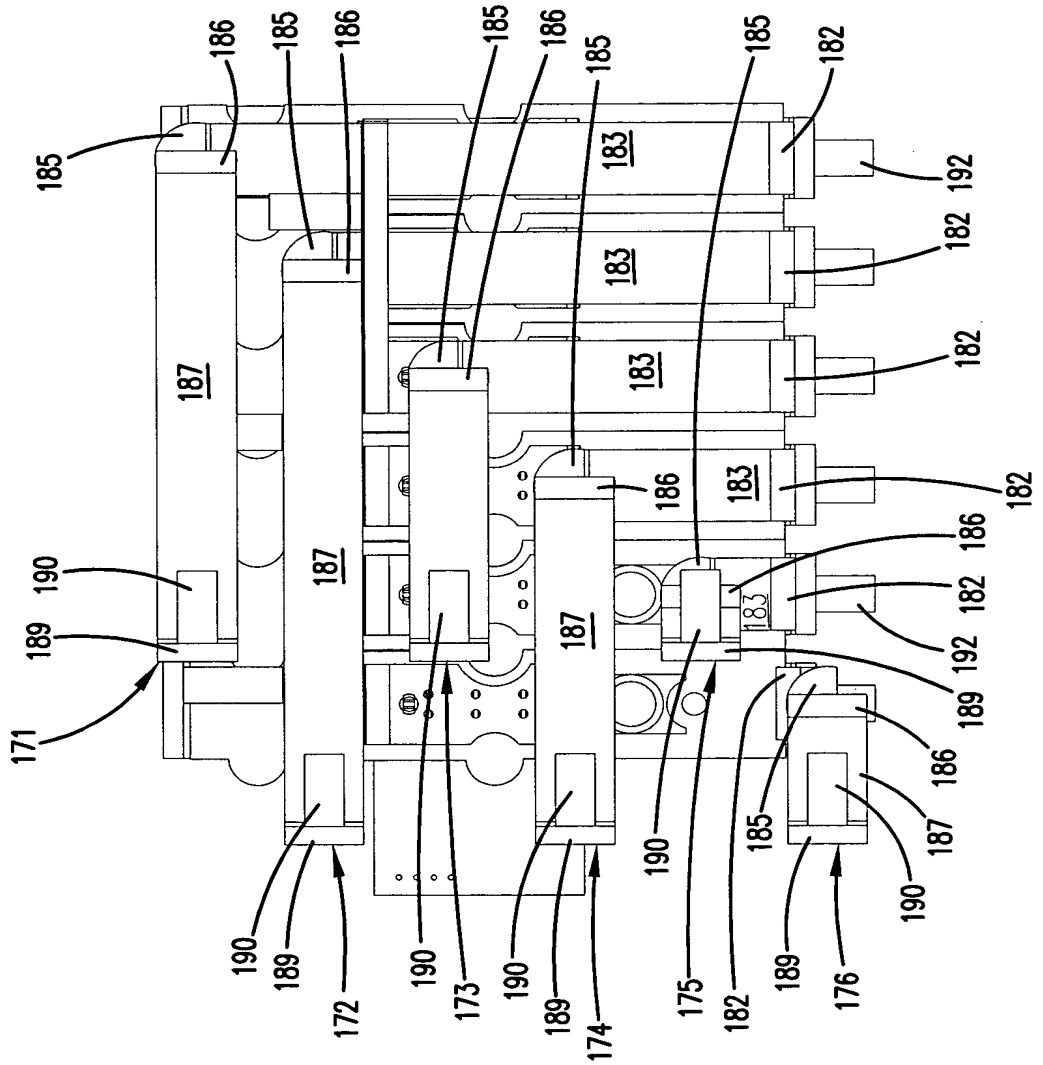
FIG. 29

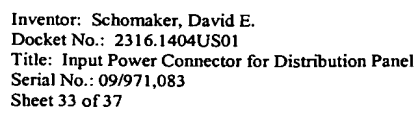


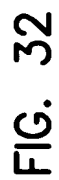
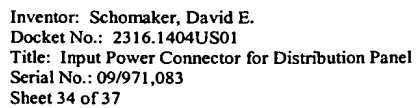


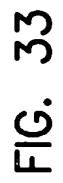
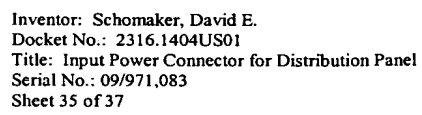
Inventor: Schomaker, David E.
Docket No.: 2316.1404US01
Title: Input Power Connector for Distribution Panel
Serial No.: 09/971,083
Sheet 32 of 37

FIG. 30



[illegible]







Inventor: Schomaker, David E.
Docket No.: 2316.1404US01
Title: Input Power Connector for Distribution Panel
Serial No.: 09/971,083
Sheet 36 of 37

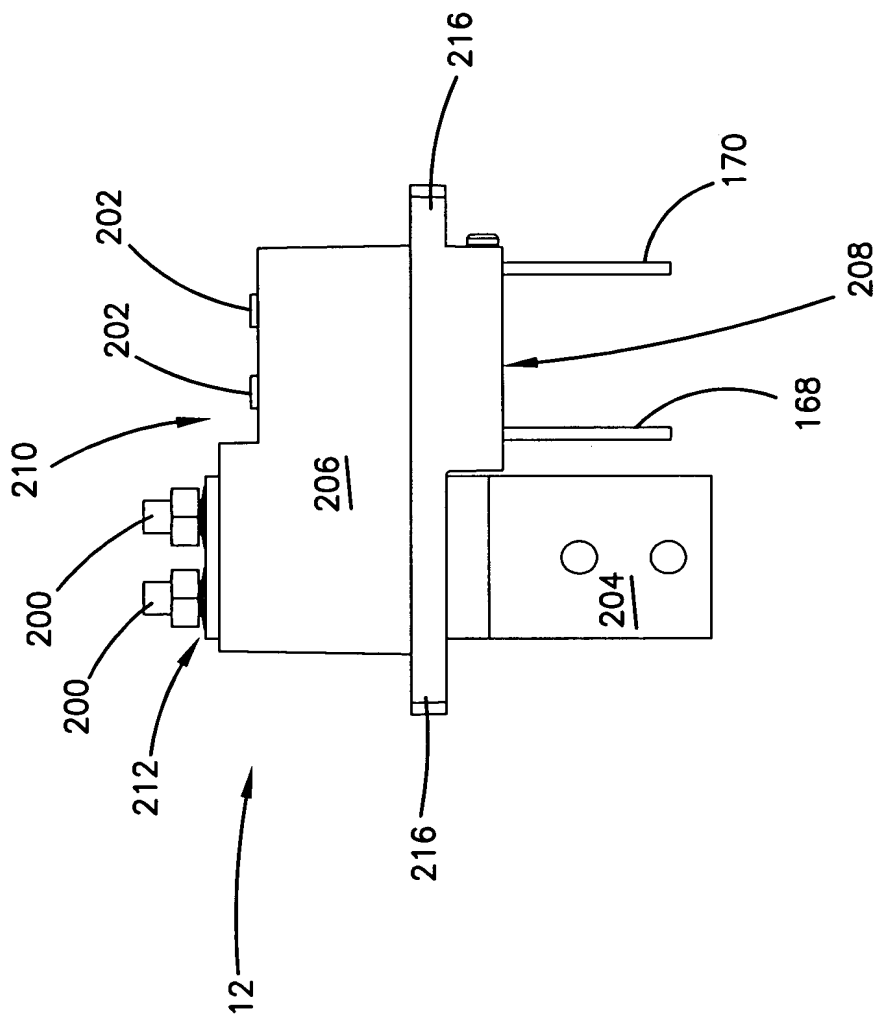


FIG. 34

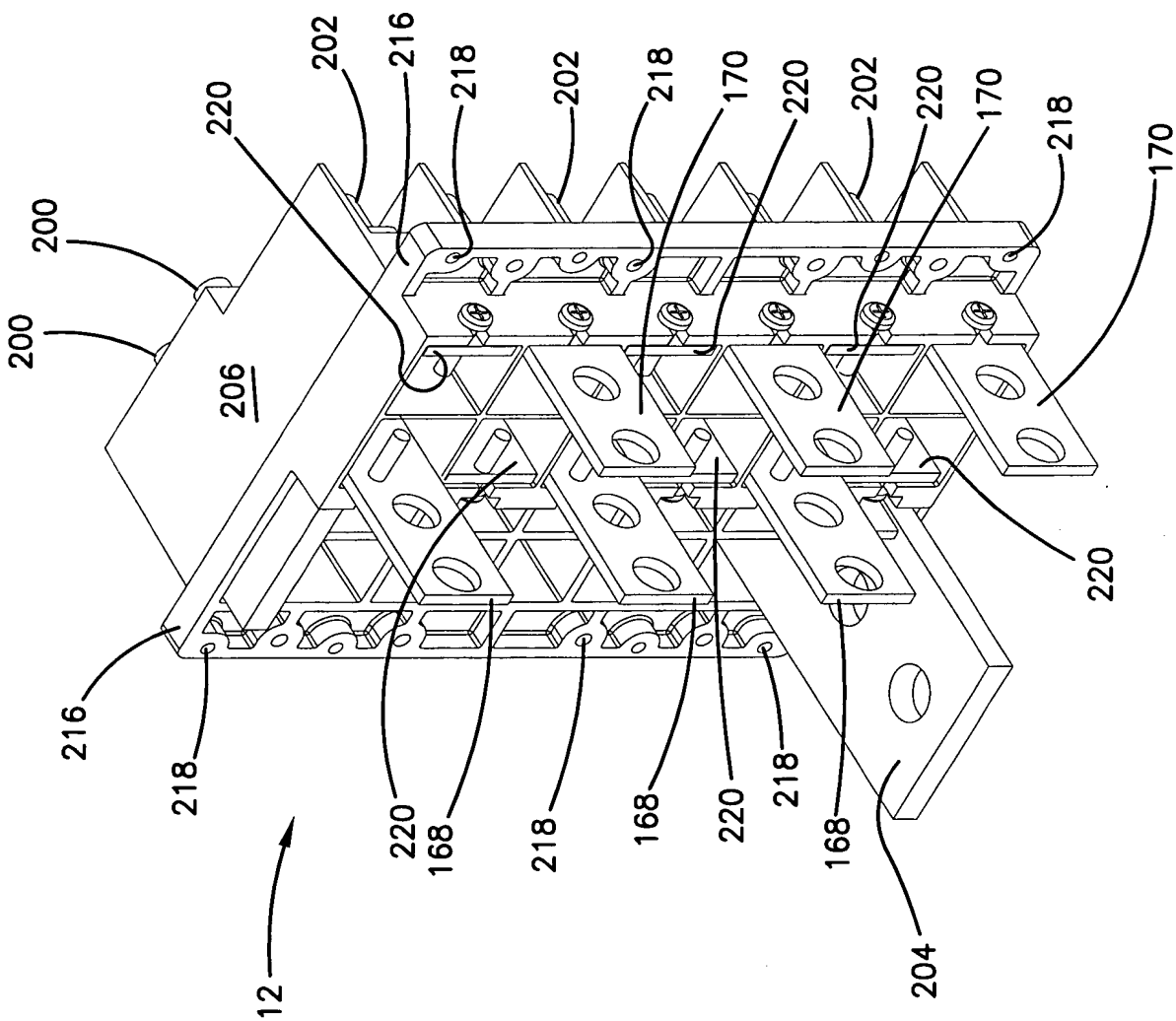


FIG. 35